

XII. Permits, Species Killed, Captured

The following chart provides information on Antarctic Conservation Act (P.L. 95-541) Permits issued during 1 July 2000 to 30 June 2001.

Permit #	Active Dates	Permit Activity	Location	Purpose
2001-011	01 Oct 00 – 01 Apr 2005	Taking/Entry into ASPA	Western Shore of Admiralty Bay (ASPA #128)	Continued studies of the behavioral ecology and population biology of the Adelie, Gentoo, and Chinstrap penguins and the interaction among these species and their principal avian predators: skuas, gulls, sheathbills, and giant petrels..
2001-012	15 Nov 00 – 31 Jan 2003	Taking/Entry into ASPA/ Import into the U.S.	New College Valley”, Caughley Beach, Cape Bird (ASPA #116)/Cape Royds, Ross Island (ASPA #121)/Northwest White Island, McMurdo Sound (ASPA #137)	Aerial reconnaissance of six sites, including 3 ASPA’s to determine which sites meet sampling requirements to use as potential control areas for study of the temporal and spatial scales of various types of disturbances in and around McMurdo. Samples of soil and permafrost measurement could help determine the impact of particulate and/or aerosols from McMurdo Station.

Permit #	Active Dates	Permit Activity	Location	Purpose
2001-013	01 Mar 01 – 30 Jun 2001	Entry into ASPA	Fildes Peninsula (ASPAs #125)/ Byers Peninsula (ASPAs #126)/ Potter Peninsula (ASPAs #132)/ Cape Shirreff, Livingston Island (ASPAs #149)/ Ardley Island (ASPAs #150)/ Lions Rump, KGI (ASPAs #151)	Enter sites to examine stratigraphy of glacial and beach deposits and collect ancient organic material for radiocarbon dating to determine the climate and glacial history of the area.
2001-014	01 Oct 00 – 30 Nov 2000	Introduction into Antarctica	Crary Lab, McMurdo Station	Introduction of bacteria cultures for use as positive and negative controls in microbiological assays to determine the extent of contamination in the waters and sediments off the coast of McMurdo Station.
2001-015	04 Dec 00 – 31 Dec 2000	Taking/Entry into ASPA	Cape Evans (ASPAs #154)/ Cape Royds (ASPAs #156)/ Discovery Hut (ASPAs #157)	Collection of wood samples to determine the microbial diversity in the areas and assess the deterioration of the historic huts.
2001-016	01 Oct 00 – 30 Sep 2005	Introduction into Antarctica	Crary Lab, McMurdo Station	Introduction of frozen reagent to be used in the Microtox toxicity analyzer to measure changes in light emission in response to contaminants or naturally occurring toxicity in soil and water samples.

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2001-018	01 Oct 00 – 28 Feb 2005	Entry into ASPA	Cape Bird (ASPA #116)/ Cape Royds (ASPA #121)/ Cape Evans (ASPA #124)	Entry into the sites to establish geographical coordinates and elevations for pre-selected photo-identifiable points to meet national mapping accuracy standards for 1:25,000-scale mapping at these sites. In addition, measurements will be taken to detect horizontal and vertical movement of solid rock sites in the McMurdo Dry Valley region of the Transantarctic Mountains over an extended period of time
2001-019	01 Nov 00 – 31 Dec 2000	Taking; Import into the U.S.	Palmer Station vicinity	Salvage dead specimens (penguins, seabirds, and seals, etc.) for use in an outreach education collection for presentation to middle and high school students.
2001-020	20 Nov 00–30 Nov 2001	Taking; Import into the U.S.	McMurdo Station vicinity	Salvage dead specimens (penguins, seabirds, and seals, etc.) for use in classroom displays and other educational outreach presentations to teachers and students.
2001-021	01 Oct 00 – 31 Mar 2001	Entry into ASPA	Cape Hallett (ASPA #106)	Conduct visual inspection of the abandoned station and environs based on historical records and reports. Assess any signs of petroleum or chemical contamination for potential of environmental impact and collect samples for analysis of pollutants. Collect and secure debris for future removal.

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2001-022	15 Oct 00 – 01 Mar 2001	Taking/Entry into ASPA	Litchfield Island (ASPAs #113)/ Cape Royds (ASPAs #121)/ Cape Crozier (ASPAs #124)/ Western Shore of Admiralty Bay (ASPAs #128)/ Biscoe Point, Anvers Island (ASPAs #139)/ Cape Shireff, Livingston Island (ASPAs #149)	Photographer on assignment with National Geographic Magazine plans to photograph the scientific work being conducted in these protected areas.
2001-023	01 Jan 01 – 31 Mar 2001	Taking/Entry into ASPA	Dion Islands (ASPAs #107)/ Green Island (ASPAs #108)/ Litchfield Island (ASPAs #113)/ Lagotellerie Island (ASPAs #115)/ Avian Island (ASPAs #117)/ Byers Peninsula (ASPAs #126)/ Biscoe Point, Anvers Island (ASPAs #139)/ Ablation Point, Alexander Island (ASPAs #147)/ Mount Flora (ASPAs #148)/ Cape Shireff, Livingston Island (ASPAs #149)/ East Dallman Bay (ASPAs #153)	A joint U.S. and U.K. project to revise ASPA Management Plans. Enter site to verify, describe and map features; conduct on-site assessment of features under protection; describe scientific work conducted in the area; assess whether the area continues to serve the purpose for which it was designated; using GPS identify and map protected area boundaries and define designated photo points for covering the most important features of the site. Collect plant and soil samples for later analysis to determine identity of the soil's vegetation and invertebrates.

Permit #	Active Dates	Permit Activity	Location	Purpose
2001-024	04 Feb 01 – 01 Apr 2001	Entry into ASPA	Litchfield Island (ASPA #113)/ Biscoe Point, Anvers Island (ASPA #139)/ Western Shore of Admiralty Bay (ASPA #128)/ Shoe of Port Foster (ASPA #140)/ Potter Peninsula (ASPA #132)/ Ardley Island (ASPA #150)	Conduct inspections of several Antarctic Peninsula Antarctic Specially Protected Area, as provided for in Article VII(1) of the Antarctic Treaty.
2001-025	01 Apr 00 – 31 Aug 2001	Taking/Entry into ASPA/ Importation into the U.S.	Within the seasonal pack ice of Marguerite Bay, West Antarctic Peninsula	Capture up to 25 Crabeater seals, and up to 10 each of Leopard, Weddell and Ross seals per season over the next 3 years for the purpose of collecting blood, tissue and stomach samples, take measurements and attach instruments to determine and better understand the foraging strategies utilized by marine predators in the face of meso- and fine-scale ecological variability.
2001-026	10 Jun 01 – 30 Jly 2001	Introduction into Antarctica	Antarctic Peninsula area in the vicinities of Low, Brabant, Anvers, Livingston Islands, and Dallmann Bay	Use of mixture of frozen fish species as bait in experimental fish traps/pots to capture Antarctic fish for ongoing studies of their physiology and biochemistry of Antarctic ice fishes
2001-027	10 Jun 01 – 30 Jly 2001	Introduction into Antarctica	Antarctic Peninsula area in the vicinities of Low, Brabant, Anvers, Livingston Islands, and Dallmann Bay	Use of mixture of frozen fish species as bait in experimental fish traps/pots to capture Antarctic fish for ongoing studies of their physiology and biochemistry of Antarctic ice fishes

ASPA = Antarctic Specially Protected Area (formerly SPA's and SSSI's)